

Off-road Dump Truck

Automatic Transmission Series

- › Electronic-controlled engine and automatic transmission make operation more convenient and efficient.
- › The application of digital and automated technologies makes mining equipment management more efficient.
- › The perfect combination of lightweight technology and superior reliability provides the truck with longer service life, lower transportation cost and greater economic efficiency.



Main Technical Performance and Specification

Overall parameters	Model	TLD90		TLD93A/TLD93B	TLD96	DT95(R)
	Manufacturers	Shaanxi Tonly Heavy Industries Co., Ltd.				
	Drive mode	6×4		6×4	6×4	6×4
	Maximum total weight (t)	90		105	105	95
	Rated load mass (t)	60		70	70	60
	Overall mass (t)	30		35	35	35
	Overall size (mm)	9500×3650×3715		10100×3750×4150	9900×3670×4250	9700×4075×4300
	Wheel base (mm)	4075+1550		4075+1750	4075+1750	4075+2050
	Wheel track (mm)	2680/2500		2838/2626	2838/2626	3170/3170
	Minimum ground clearance (mm)	305		420	400	570
	Minimum turning radius (m)	11		12	11	12.5
	Maximum height of bucket lift (mm)	7830		8796	8320	9680
	Maximum angle of bucket lift (°)	50		50	50	52
	Loading height (mm)	3975		4150	4234	3708
	Maximum climbing degree (%)	32		32	30	35
	Maximum speed (km/h)	40		40	40	50
Engine	Model	WP13G530E310		WP13G560E310	WP13G530E310	WP14TG765E304
	Manufacturer	Weichai Power Co., Ltd.		Weichai Power Co., Ltd. /Xi'an Cummins Engine Co.,Ltd.	Weichai Power Co., Ltd.	Weichai Power Co., Ltd.
	Power (hp/kw)	530/390		560/412 530/390	530/390	560/412
Transmission	Model	FC6A250DPRT		FC6A250DPRT	4800 ORS	FC6A250DPRT
	Manufacturer	Xi'an FC Intelligence Transmission Co.,LTD.		Xi'an FC Intelligence Transmission Co.,LTD.	Allison	Xi'an FC Intelligence Transmission Co.,LTD.
	Input torque (N·m)	2508		2508	2644	2400

Axle	Manufacturer	Shaanxi Hande AXLE Co., Ltd.			
	Load (t) Front axle +middle axle+rear axle	20+35+35	25+40+40	25+40+40	25+35+35
Tires / Rims	Tire model	14.00R25	16.00R25	16.00R25	875/65R29
	Rim size	10.0/2.0-25	11.25/2.0-25	11.25/2.0-25	27.00/3.0-29
Container	Base plate material/thickness (mm)	NM400/16	NM400/16	NM400/16	NM400/16
	Rear plate material/thickness (mm)	NM400/12	NM400/12	NM400/12	NM400/12
	Front plate material/thickness (mm)	NM400/10	NM400/10	T700/10	NM400/10
	Side plate material/thickness (mm)	NM400/10	NM400/10	T700/10	NM400/12
	Loading capacity (m³)	30	40	36	30
Hydraulic system	Model	FC179	FC191	FC191	FC191
	Manufacturer	HYVA MECHANICS (CHINA) CO., LTD.			
	Steering device	Fully hydraulic steering			
	Container lift time (s)	25	27	27	20
	Container descent time (s)	17	17	17	15
Weight distribution	No load				
	Front axle (kg)	10000	15000	15000	13000
	Rear axle (kg)	20000	20000	20000	22000
	Total weight (kg)	30000	35000	35000	35000
	Heavy load				
	Front axle (kg)	20000	25000	25000	25000
	Rear axle (kg)	70000	80000	80000	70000
	Total weight (kg)	90000	105000	105000	95000